

AcroTeX.Net

The rmannot Package Loading and Pausing a FLV

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A source file containing the example presented in this article is attached. Open the [attachments panel](#) (by clicking on the red link) and save to your local computer. There is a link on the [AeB Blog](#) page to download the FLV file (`driving.flv`) used in this article. The source code attached to this document has sample code for embedding the FLV rather than streaming it, as this article does.

1. Loading and Pausing a FLV

In this article, we demonstrate how to load and pause the movie on the first frame when the page the the movie is on is opened. The movie that is used is streamed from the `www.math.uakron.edu` server, when you you open the page, it may take a few seconds before the movie is loaded and paused. The movie will eventually be cached and the display of the first frame will be much faster.

The `driving.flv` movie is used, the same one used in a previous AEB Blog article, entitled *The Demonstrating Event Cue Points*. The cue points introduced in that article are also used here.

The movie, seen on the next page, was created with the following code,

```

1  \begin{addJSToPageOpen}
2      var rma=this.getAnnotRichMedia(this.pageNum,"alexDrives");
3      rma.activated=true;
4      rma.callAS("multimedia_pause");
5  \end{addJSToPageOpen}
6
7  \begin{center}
8      \resizebox{.67\linewidth}{!}{%
9          \rmAnnot[url,poster=aebmovie_poster,
10             name=alexDrives,cuepoints={\myCuePoints}
11             ]{320bp}{240bp}{driving}%
12         }\\[6pt]
13         \textField[\BC{}Q{1}\Ff{\FfReadOnly}
14             ]{txtCues}{.67\linewidth}{11bp}
15     \end{center}

```

Comments. The `\resizebox` command, from the `graphicx` package, is used to resize the RMA to the width desired.

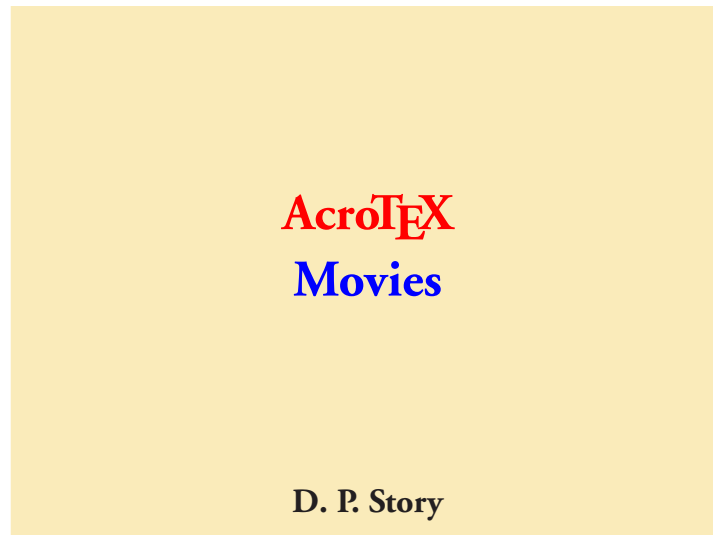
- Lines 1-5: To get the RMA (Rich Media Annotation) to activate and load the first frame of the FLV, we use the `addJSToPageOpen` environment defined in the `aeb_pro` package.

The idea is simple enough:

- Get the RMA object in line (1)
- Activate the RMA in line (2) (on activation, the movie will play)
- Pause the movie, line (3)

- Lines 8-9: **Create the RMA.**
 - Line (9): Use the `url` key to announce that the FLV is external (on the Web), and the `poster` key to set the poster
 - Line (10): Use the `name` key to define a name for this RMA, the name is used in the open page action, in line (1), and use the `cuepoints` key to define the cue points and actions. These are the same cue points and actions that were discussed in *Demonstrating Event Cue Points*.

Now as you move to the next page, the movie should activate and pause on the first page. Meet you one the other side.



Once the movie is activated and paused, play the movie by running your mouse over the RMA, locating the play button, and pressing same.

If desired, you can insert a Boolean switch in the open page action, like so

```
\begin{addJSToPageOpen}
  if ( typeof loadAndPauseAlex == "undefined" || loadAndPauseAlex ) {
    var rma=this.getAnnotRichMedia(this.pageNum,"alexDrives");
    rma.activated=true;
    rma.callAS("multimedia_pause");
  }
\end{addJSToPageOpen}
```

and have a button to toggle loadAndPauseAlex, like so

```
\pushButton[\CA{Load and Pause: On}\TU{Toggle to load and pause}
\A{\JS{%
  if (typeof loadAndPauseAlex=="undefined")loadAndPauseAlex=false;\r
  else loadAndPauseAlex !=loadAndPauseAlex;\r
  event.target.buttonSetCaption("Load and Pause: "
  +((loadAndPauseAlex)?"On":"Off"));
}}]{toggleLaPA}{11bp}
```

Oops, did I tell you that the open page action includes the Boolean variable loadAndPauseAlex? Try clicking the button to "Off" go to the first page, then return to this page. The movie should not be loaded as it did before.

As a document author, you do have be careful that the open page action is on the same page as the RMA it controls.

Now, I simply must get back to my retirement! ~~DS~~